Docket No.: 4459-131 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:
Sung Mao WU et al.	: Confirmation No
U.S. Patent Application No	: Group Art Unit:
Filed: Sentember 23, 2003	. Fyaminer:

For: IMPEDANCE STANDARD SUBSTRATE AND METHOD FOR CALIBRATING VECTOR

NETWORK ANALYZER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevancy of the references listed on the attached PTO-1449 is discussed in the present specification.

Respectfully submitted,

LOWE HAVYTMAN GILMAN & BERNER, LLP

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)			ATTY. DOCKET NO. 4459-131		U.S. PATENT APPLICATION NO.				
			APPLICANT Sung Mao WU et al.						
			FILING DATE September 23, 2003		GROUP				
<u> </u>		U.S. PA	ATENT DO	CUMENTS				-	
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME		CLASS	SUBCLASS FILING DATE			
	6,348,804	02-2002	Evers						
	5,047,752	09-1991	Schorn						
	4,858,160	08-1989	Strid <i>et al</i> .						
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<u> </u>		FOREIGN	N PATENT	DOCUMENTS		.L			
EVAMINEDIS				COLUMNIA CHASS SUPPLIAGE Translation					
INITIALS	PATENT NO.	DATE		OUNTRY	CLASS	SUBCLASS	Yes	No	
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
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EXAMINER	<u> </u>		D	ATE CONSIDER	ED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.